



# Cloud Machine Learning

Pathway Program

Build a strong AI and machine learning foundation with comprehensive programming instruction and specialized certification.

🕒 144 Total Clock Hours

📄 2 Obtainable Certificates

👉 Start Today



What you will learn

## This is what you will experience in the Pathway

The pathway includes 2 instructor-led classes for you to learn technical skills and applicable examples to prepare you for technical certifications and training towards Cloud Machine Learning.



Taught by Industry Veterans & World Class Instructors

### Potential Career Options

Machine Learning Technician

Data Scientist

AI Research Scientist

AI Officer

Machine Learning Engineer

### Introduction to the Cloud Machine Learning

#### Overview

This program is designed for individuals looking to build a strong foundation in artificial intelligence and enhance their skills in machine learning. By combining comprehensive programming language instruction with specialized machine learning certification courses, this program is ideal for those aiming to enter the rapidly growing fields of AI and machine learning.

Through this program, students will gain the following skills/objectives:

- Understanding AI workloads and considerations
- Fundamental principles of machine learning
- Features of computer vision
- Natural Language Processing (NLP)
- Generative AI Workloads
- Hyperparameter optimization
- Implementing scalable secure machine learning solutions
- Building, training and deploying machine learning models
- Understanding machine learning algorithms

### Available Courses

🕒 144 Total Clock Hours

Courses consist of one class from the Foundation Course category and one class from the Intermediate Course category.

#### Foundational Course



MS Azure AI Fundamentals  
📄 Class & Skill Application

36 Class Hours • 36 Skill App Hours



AWS Certified AI Practitioner  
📄 Class & Skill Application

36 Class Hours • 36 Skill App Hours

#### Intermediate Course



Microsoft Azure AI Engineer - Associate  
📄 Class & Skill Application

36 Class Hours • 36 Skill App Hours



AWS Certified Machine Learning Specialty  
📄 Class & Skill Application

36 Class Hours • 36 Skill App Hours